

DETAIL "A" - TYPICAL SHIELD/DRAIN INSULATING METHOD

NOTES:

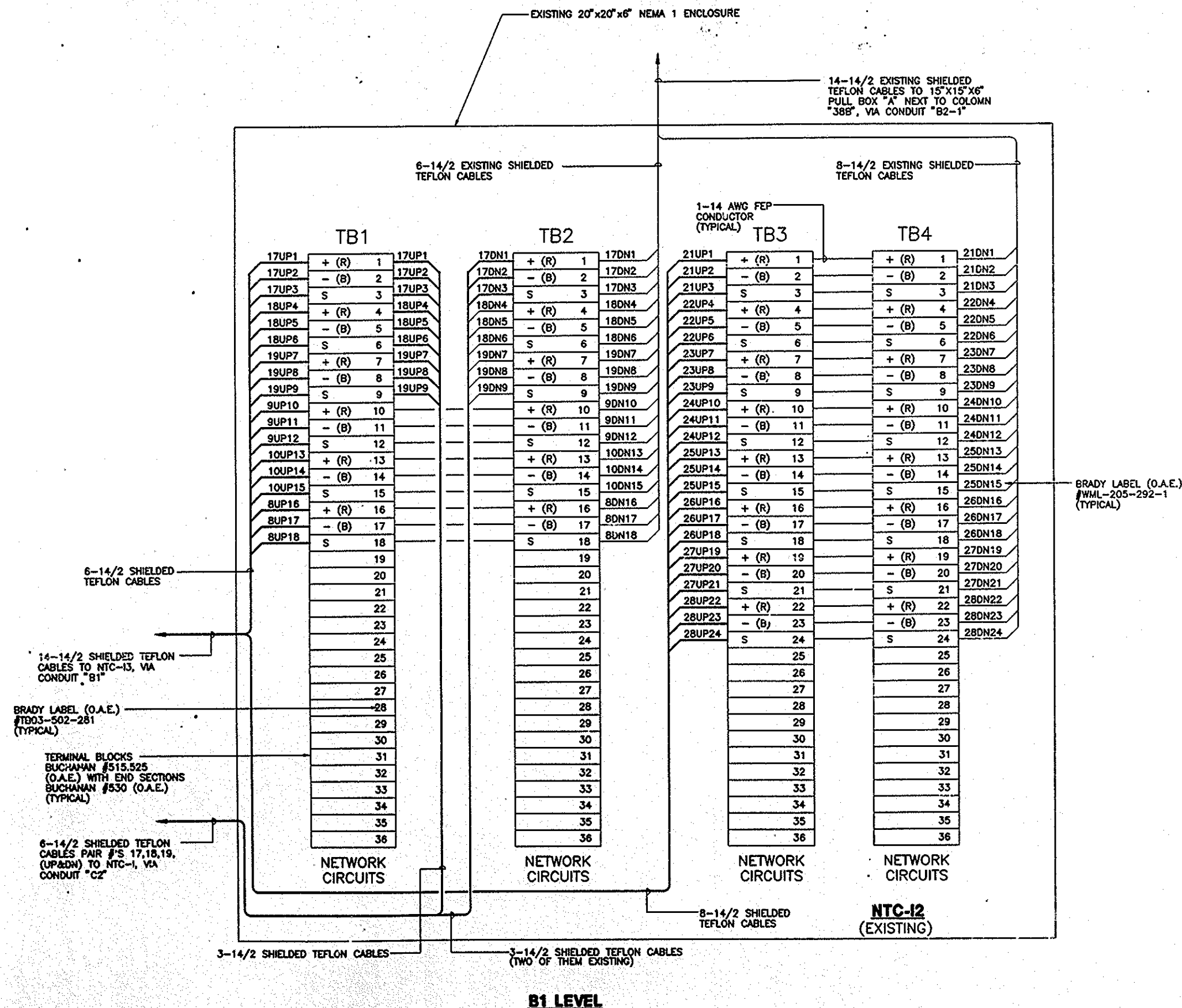
1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG'S E-1 AND E-2.
2. ALL SHIELDS SHALL BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE DETAIL "A" (ON THIS DWG).
3. FOR NTC-12 ENCLOSURE LOCATION, SEE DWG E-5.

LEGEND

21UP5
21DN5

- #14 AWG CONDUCTORS AND DRAINS
21 - INDICATES PAIR NUMBER
- UP - INDICATES WIRE RUN TO UPPER FLOOR
DN - INDICATES WIRE RUN TO LOWER FLOOR
5 - INDICATES TERMINAL BLOCK NUMBER
- TB2 - TERMINAL BLOCK #2
- (+) INDICATES POSITIVE POLARITY
(-) INDICATES NEGATIVE POLARITY
(R) INDICATES RED WIRE
(B) INDICATES BLACK WIRE
(S) INDICATES SHIELD/DRAIN WIRE
2 INDICATES TERMINAL BLOCK POINT NUMBER

+ (R) 2



B1 LEVEL

THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL

Title
FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

NTC-12
BLOCK WIRING
DIAGRAM

This drawing subject to conditions in Contract. All
inventions, ideas, designs and methods herein are
reserved to Port Authority and may not be used
without its written consent.

FELDSTEIN ROYZMAN
Designed by Drawn by

5-17-99
Date

WTC-861.571

Contract Number Drawing Number

E-17

I HEREBY CERTIFY THAT THIS IS A TRUE AND
CORRECT COPY OF ONE OF THE CONTRACT
DRAWINGS CONSTITUTING A PART OF
CONTRACT NO. WTC-861.571 IN
THE FORM IN WHICH SAID DRAWINGS
EXISTED AT THE TIME THE SAID CONTRACT
WAS EXECUTED BY THE PARTIES.
DATE 12/17/99 CONTRACT ENGINEER
DATE 4/20/99 CHIEF ELECTRICAL ENGINEER